

Material Safety Data Sheet

PC-7 Part A

MSDS No. 040122-15

Date of Preparation: 1-22-04

Revision: 6

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PC - 7, part A

Chemical Formula: Mixture

CAS Number: Mixture

General Use: Adhesive

Manufacturer: Protective Coating Company, Inc., 221 S. Third St., Allentown, PA 18102-4922, Phone (610) 432-3543, FAX (610) 432-5043 (9AM-5PM EST)

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Section 2 - Composition / Information on Ingredients

Ingredient Name		CAS Number					
Bisphenol A Epoxy Resin		25068-38-6					
Diisodecyl Phthalate		68515-49-1					
Magnesium Silicate		14807-96-6					
Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Bisphenol A Epoxy resin	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.	None estab.
Diisodecyl Phthalate	5 mg/m ³	none estab.	5 mg/m ³	none estab.	none estab.	none estab.	None estab.

Toxicity Data:

Lethal Dose Information(mg/kg)	Oral	Skin	Inhale	LC50
Bisphenol A Epoxy Resin	>5000 rat	20000 rabbit	N/EST	N/EST
Diisodecyl Phthalate	No data	No data	No data	No data

Section 3 - Physical and Chemical Properties

Physical State: Paste

Appearance and Odor: Grey, mild odor

Density: 9.5 lbs./ gallon

Specific Gravity (H₂O=1, at 4 °C): 1.15

Water Solubility: Insoluble in water

Other Solubilities: alcohols

Boiling Point: No data

% Volatile: < 1 %

Section 4 - Fire-Fighting Measures

Flash Point: 480° F

Flash Point Method: Closed Cup

Flammability Classification: IIIB

Extinguishing Media: Water spray, CO₂, dry chemicals.

Unusual Fire or Explosion Hazards: None known.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, aldehydes

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: PC - 7, part A is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Exposure to strong acids or bases

Conditions to Avoid: Excessive heat over long periods of time.

Hazardous Decomposition Products: Thermal oxidative decomposition of PC - 7, part A can produce CO, aldehydes, acids, oxides of nitrogen.

Section 6 - Health Hazard Information**Potential Health Effects****Acute Effects**

Inhalation: none

Eye: moderate eye irritation or sensitization.

Skin: moderate skin irritation or sensitization.

Ingestion: possible irritation.

Carcinogenicity: IARC, NTP, and OSHA do not list PC - 7, Part A as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: skin and eye conditions.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air.

Eye Contact: Flush with water, consult a physician.

Skin Contact: Wash with water, consult a physician.

Ingestion: Seek medical advice.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Dispose of in normal manner.

Disposal: Incinerate in furnace or bury in landfill according to applicable Federal, state, and local regulations.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation if cured product is sanded or ground.

Respiratory Protection: Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.

Section 9 - Special Precautions and Comments**Handling Precautions:**

Right - to - know: The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and or right know laws are: None.

Storage Requirements: Storage temperature: < 90° F(32°C). Store in a cool, dry, well ventilated area.

Prepared By: Charles Moloney

Revision Notes:

Disclaimer: The above information is given in good faith. No warranty expressed or implied is made.